

Hydraulic Fluids which meet environmental requirements in SS 15 54 34

Hydraulic Fluids are used to transfer power in the hydraulic systems of various machines. However, leakage of these fluids may have an environmental impact. That's why a Swedish Standard has been compiled with, among other things, environment requirements on Hydraulic Fluids.

The Swedish transport administration require that hydraulic fluids used meet the environmental requirements in Swedish standard SS 15 54 34 when procuring contracts that concern areas where precautionary measures are required.

RISE offers an examination of the environmental properties of hydraulic fluids according to the above-mentioned standard. Approved hydraulic fluids are published on the SP list.

A prerequisite for listing is that the hydraulic fluid also meets the technical requirements specified in the standard, but these are not covered by the review. According to the review agreement, however, RISE has the right to demand documentation that shows that the technical requirements are also met. RISE can also remove products that do not meet the requirements from the list with immediate effect. Information on technical properties is provided by the respective supplier/manufacturer. Changing the product must always be done in consultation with the machine manufacturer and the supplier of the hydraulic

From an international perspective, the environmental requirements are strict and mean that the hydraulic fluid must be biodegradable, have minimal negative impact on the water environment and not contain too high levels of allergenic substances as well as carcinogenic, reproductive toxic and mutagenic substances (CMR substances).

RISE also reviews the environmental properties of lubricating greases according to SS 15 54 70.

The review is based on information about the chemical content of the hydraulic fluid, and it is the supplier/manufacturer of the product who is responsible for ensuring that all required documentation is available.

RISE list of lubricating grease which meet environmental requirements according to SS 15 54 70

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Lubricating greases can be listed according to environmentally acceptable class B or D. The difference between the two classes is described in the standard. Which class the product fulfils should according to the standard be shown in the products designation and is not stated below.

PRODUCT	SUPPLIER
Eurol BIO Grease CA-2/501	Eurol B.V.

Source

[Environmental properties of hydraulic oils according to SS 15 54 34 | RISE](#)

